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AN - 1990-175750 [23]

AP - JP19880273713 19881026

CPY - MATW

DC - A82 F09 P63

DR - 1740-U

FS - CPI;GMPI

IC - B27D5/00 ; B27K5/02

MC - A11-B05 A12-B09 F05-B

PA - (MATW ) MATSUSHITA ELECTRIC WORKS LTD

PN - JP2116512 A 19900501 DW199023 000pp

PR - JP19880273713 19881026

XA - C1990-076585

XIC - B27D-005/00 ; B27K-005/02

XP - N1990-136442

AB - J02116512 A wood material is coloured with a liq colouring compsn contg a water-insol dye and pigment particles or an oleophilic dye and a surfactant.

- Pref colouring compsn comprises a water-soluble dye which is able to be impregnated into wood tissue and pigment particles or oleophilic dye particles and a surfactant which are not impregnated but retained on the surface of wood.
- ADVANTAGE - The small dye particles are impregnated into the wood tissue through the vessels but the larger dye particles are retained on the cavities of vessels to exaggerate the grain pattern of wood.
- In an example, a 2 mm-thick veneer sheet was impregnated with a colouring bath comprising aq 30% melamine resin soln, 1% water-soluble dye 1.5 % surfactant and 0.3% oleophilic dye by evacuating the autoclave to 10 mm Hg 1 hr and immersing the veneer into the colouring compsn for 2 hr. The coloured veneer was hf dried and laminated adhesively with plywood substrate, sanded and coated with a clear paint. (3pp Dwg.No.0/4)

IW - COLOUR WOOD MATERIAL LIQUID COMPOSITION CONTAIN WATER SOLUBLE DYE  
PIGMENT PARTICLE OLEOPHILIC DYE SURFACTANT

IKW - COLOUR WOOD MATERIAL LIQUID COMPOSITION CONTAIN WATER SOLUBLE DYE  
PIGMENT PARTICLE OLEOPHILIC DYE SURFACTANT

NC - 001

OPD - 1988-10-26

ORD - 1990-05-01

PAW - (MATW ) MATSUSHITA ELECTRIC WORKS LTD

TI - Colouration of wood material - using liq. compsn. contg. water-soluble dye and pigment particles or oleophilic dye and surfactant